

SCORE Search Results Details for Application 10687035 and Search Result 20080310_104727_us-10-687-035-33.ra

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This page gives you Search Results detail for the Application 10687035 and Search Result 20080310_104727_us-10-687-035-33.ra.

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OM protein - protein search, using sw model

Run on: March 10, 2008, 14:04:05 ; Search time 36 Seconds
(without alignments)
557.713 Million cell updates/sec

Title: US-10-687-035-33
Perfect score: 656
Sequence: 1 MDFQVQIFSFLISASVIMS.....YCQQWSSNPFTFGSGTKLEI 127

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1048630 seqs, 157249835 residues

Total number of hits satisfying chosen parameters: 1048630

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /ABSS/Data/CRF/ptodata/2/iaa/5_COMB.pep:*
2: /ABSS/Data/CRF/ptodata/2/iaa/6_COMB.pep:*
3: /ABSS/Data/CRF/ptodata/2/iaa/7_COMB.pep:*
4: /ABSS/Data/CRF/ptodata/2/iaa/H_COMB.pep:*
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6: /ABSS/Data/CRF/ptodata/2/iaa/RE_COMB.pep:*
7: /ABSS/Data/CRF/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Result Query

No.	Score	Match	Length	DB	ID	Description
1	572	87.2	128	1	US-08-476-275-4	Sequence 4, Appli
2	572	87.2	128	2	US-08-475-815B-7	Sequence 7, Appli
3	572	87.2	128	2	US-08-475-813-4	Sequence 4, Appli
4	572	87.2	128	3	US-10-411-037-60	Sequence 60, Appli
5	572	87.2	128	3	US-10-287-994-60	Sequence 60, Appli
6	572	87.2	128	3	US-10-410-997-60	Sequence 60, Appli
7	572	87.2	128	3	US-10-410-962-60	Sequence 60, Appli
8	572	87.2	128	3	US-10-410-897A-60	Sequence 60, Appli
9	572	87.2	128	3	US-10-410-945A-60	Sequence 60, Appli
10	572	87.2	128	3	US-10-410-930A-60	Sequence 60, Appli
11	572	87.2	128	3	US-10-411-012-60	Sequence 60, Appli
12	572	87.2	128	3	US-10-410-913A-60	Sequence 60, Appli
13	572	87.2	128	3	US-11-404-266-60	Sequence 60, Appli
14	572	87.2	128	3	US-10-411-049-60	Sequence 60, Appli
15	566	86.3	128	2	US-09-724-138-46	Sequence 46, Appli
16	566	86.3	128	2	US-09-630-198-46	Sequence 46, Appli
17	559	85.2	129	1	US-08-449-287-2	Sequence 2, Appli
18	559	85.2	235	2	US-09-423-439-18	Sequence 18, Appli
19	559	85.2	235	2	US-09-423-439-58	Sequence 58, Appli
20	559	85.2	235	2	US-09-011-769A-23	Sequence 23, Appli
21	558	85.1	235	2	US-09-238-741-2	Sequence 2, Appli
22	548	83.5	128	2	US-08-619-491-2	Sequence 2, Appli
23	548	83.5	128	5	PCT-US95-07302-2	Sequence 2, Appli
24	543	82.8	128	1	US-07-946-421-26	Sequence 26, Appli
25	543	82.8	235	1	US-08-303-569B-5	Sequence 5, Appli
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28	543	82.8	235	2	US-09-348-224-5	Sequence 5, Appli
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31	543	82.8	235	3	US-10-703-963-5	Sequence 5, Appli
32	543	82.8	235	3	US-10-703-344-5	Sequence 5, Appli
33	537	81.9	130	3	US-11-143-737-50	Sequence 50, Appli
34	532	81.1	129	1	US-08-116-778E-2	Sequence 2, Appli
35	532	81.1	129	1	US-08-438-562-2	Sequence 2, Appli
36	532	81.1	129	1	US-08-483-528B-92	Sequence 92, Appli
37	531	80.9	128	1	US-08-656-586-2	Sequence 2, Appli
38	524	79.9	128	1	US-07-634-278-31	Sequence 31, Appli
39	524	79.9	128	1	US-08-477-728-31	Sequence 31, Appli
40	524	79.9	128	1	US-08-474-040-31	Sequence 31, Appli
41	524	79.9	128	1	US-08-487-200-31	Sequence 31, Appli
42	524	79.9	128	2	US-08-484-537-31	Sequence 31, Appli
43	524	79.9	128	2	US-09-453-718B-87	Sequence 87, Appli
44	524	79.9	128	3	US-09-718-998-31	Sequence 31, Appli
45	524	79.9	128	3	US-10-160-232-87	Sequence 87, Appli

ALIGNMENTS

RESULT 1
US-08-476-275-4
; Sequence 4, Application US/08476275
; Patent No. 5776456
; GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.
 APPLICANT: Hanna, Nabil
 APPLICANT: Leonard, John E.
 APPLICANT: Newman, Roland A.
 APPLICANT: Reff, Mitchell E.
 APPLICANT: Rastetter, William H.
 TITLE OF INVENTION: Therapeutic Application of Chimeric and
 TITLE OF INVENTION: Radiolabeled Antibodies to Human B Lymphocyte Restricted
 TITLE OF INVENTION: Differentiation Antigen for the Treatment of B-Cell
 TITLE OF INVENTION: Lymphoma
 NUMBER OF SEQUENCES: 11
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
 STREET: 699 Prince St.
 CITY: Alexandria
 STATE: VA
 COUNTRY: USA
 ZIP: 22314
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/476,275
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/149,099
 FILING DATE: 03-NOV-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/978,891
 FILING DATE: 13-NOV-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Teskin, Robin L.
 REGISTRATION NUMBER: 35,030
 REFERENCE/DOCKET NUMBER: 012712-155
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 703-836-6620
 TELEFAX: 703-836-2021
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 128 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein

Query Match 87.2%; Score 572; DB 1; Length 128;
Best Local Similarity 89.8%; Pred. No. 6e-50;
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

Qy 1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQOK 60
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Db 1 MDFQVQIIISFLLISASVIMSRGQIVLSQSPAILSASPGKVTMTCRASSSVSIYHWFQOK 60
Qv 61 PGSSPKPWIIYGTSTLASGVPTRFSGSGSTSYSLTISRVEAEDAATYYCQOWSSNPFTFG 120

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;      TYPE:  amino acid
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; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 US-08-475-815B-7

Query Match 87.2%; Score 572; DB 2; Length 128;
 Best Local Similarity 89.8%; Pred. No. 6e-50;
 Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

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Db      1 MDFQVQIISFLLISASVMSRGQIVLSQSPAILSPGKVTMTCRASSSVYIHWFAQOK 60

Qy      61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
        ||||||| || ||||||| ||||||| ||||||| ||||||| ||||||| || |||
Db      61 PGSSPKPWIYATSNLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPFTFG 120

Qy      121 SGTKEI 127
        |||||
Db      121 GGTKEI 127
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RESULT 3

US-08-475-813-4

; Sequence 4, Application US/08475813
 ; Patent No. 6682734

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; APPLICANT: Hanna, Nabil

; APPLICANT: Leonard, John E.

; APPLICANT: Newman, Roland A.

; APPLICANT: Reff, Mitchell E.

; APPLICANT: Rastetter, William H.

; TITLE OF INVENTION: Therapeutic Application of Chimeric and

; TITLE OF INVENTION: Radiolabeled Antibodies to Human B Lymphocyte Restricted

; TITLE OF INVENTION: Differentiation Antigen for the Treatment of B-Cell Lymphoma

; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince St.

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/475,813

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/149,099

; FILING DATE: 03-NOV-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/978,891

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; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-158
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 128 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-475-813-4

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Query Match 87.2%; Score 572; DB 2; Length 128;
 Best Local Similarity 89.8%; Pred. No. 6e-50;
 Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

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Db      1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILLSASPGKVTMTTCRASSSVSYIHWQK 60

Qy      61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
        ||||||| || ||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||
Db      61 PGSSPKPWIYATSNLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPFTFG 120

Qy      121 SGTKEI 127
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Db      121 GGTKEI 127

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RESULT 4

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US-10-411-037-60
; Sequence 60, Application US/10411037
; Patent No. 7125843
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: DeFrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bowe, Caryn
; TITLE OF INVENTION: ALPHA GALACTOSIDASE A: REMODELING AND GLYCOCONJUGATION OF ALPHA
; TITLE OF INVENTION: GALACTOSIDASE A
; FILE REFERENCE: 040853-01-5082
; CURRENT APPLICATION NUMBER: US/10/411,037
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777

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; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 60
; LENGTH: 128
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-287-994-60

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Query Match      87.2%; Score 572; DB 3; Length 128;
Best Local Similarity 89.8%; Pred. No. 6e-50;
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

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Qy      1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQK 60
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Qy      61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
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Db      61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPFTFG 120

Qy      121 SGTKLEI 127
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Db      121 GGTKLEI 127

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RESULT 6

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US-10-410-997-60
; Sequence 60, Application US/10410997
; Patent No. 7157277
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: DeFrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bowe, Caryn
; TITLE OF INVENTION: FOLLICLE STIMULATING HORMONE: REMODELING AND GLYCOCONJUGATION OF
; TITLE OF INVENTION: FSH
; FILE REFERENCE: 040853-01-5059
; CURRENT APPLICATION NUMBER: US/10/410,997
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17

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; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
; LENGTH: 128
; TYPE: PRF
; ORGANISM: Mus musculus
US-10-410-997-60

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Query Match 87.2%; Score 572; DB 3; Length 128;
Best Local Similarity 89.8%; Pred. No. 6e-50;
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

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Qy      61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
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Db      61 PGSSPKPWIYATSNLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPFTFG 120
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Qy      121 SGTKLEI 127
      |||||
Db      121 GGTKLEI 127

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RESULT 7

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US-10-410-962-60
; Sequence 60, Application US/10410962
; Patent No. 7173003
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: DeFrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bowe, Caryn
; TITLE OF INVENTION: GRANULOCYTE COLONY STIMULATING FACTOR: REMODELING AND
; TITLE OF INVENTION: GLYCOCONJUGATION OF G-CSF
; FILE REFERENCE: 040853-01-5054
; CURRENT APPLICATION NUMBER: US/10/410,962
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249

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; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
; LENGTH: 128
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-410-962-60

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Query Match          87.2%; Score 572; DB 3; Length 128;
Best Local Similarity 89.8%; Pred. No. 6e-50;
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

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Qy      1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQK 60
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Db      1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFAQK 60

Qy      61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
        ||||||| || ||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||
Db      61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPFTFG 120

Qy      121 SGTKLEI 127
        |||||
Db      121 GGTKLEI 127

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RESULT 8

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US-10-410-897A-60
; Sequence 60, Application US/10410897A
; Patent No. 7179617
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: DeFrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bowe, Caryn
; TITLE OF INVENTION: FACTOR IX; REMODELING AND GLYCOCONJUGATION OF FACTOR IX
; FILE REFERENCE: 040853-01-5058
; CURRENT APPLICATION NUMBER: US/10/410,897A
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/334,233
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/334,301
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527

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; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: PCT/US2002/32263
; PRIOR FILING DATE: 2002-10-09
; PRIOR APPLICATION NUMBER: US 10/287,994
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: US 10/360,770
; PRIOR FILING DATE: 2003-01-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 128
; TYPE: PRT
; ORGANISM: MUS MUSCULUS
US-10-410-897A-60

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Query Match      87.2%; Score 572; DB 3; Length 128;
Best Local Similarity 89.8%; Pred. No. 6e-50;
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

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Qy      1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQK 60
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Db      1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILLSASPGEKVTMTCRASSSVYIHWQK 60

Qy      61 PGSSPKPWIYGTSLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
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Db      61 PGSSPKPWIYATSNLASGVFVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPFTFG 120

Qy      121 SGTKLEI 127
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Db      121 GGTKLEI 127

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RESULT 9

US-10-410-945A-60

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; Sequence 60, Application US/10410945A
; Patent No. 7214660
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: DeFrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bowe, Caryn
; TITLE OF INVENTION: ERYTHROPOIETIN: REMODELING AND GLYCOCONJUGATION OF ERYTHROPOIETIN
; FILE REFERENCE: 40853-01-5083-US03
; CURRENT APPLICATION NUMBER: US/10/410,945A
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/334, 692
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/334,233
; PRIOR FILING DATE: 2001-11-28
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; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: PCT/US2002/32263
; PRIOR FILING DATE: 2002-10-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 128
; TYPE: PRT
; ORGANISM: MUS MUSCULUS
US-10-410-945A-60

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Query Match          87.2%; Score 572; DB 3; Length 128;
Best Local Similarity 89.8%; Pred. No. 6e-50;
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

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Qy      1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQK 60
Db      1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSIYHWFQK 60

Qy      61 PGSSPKPWIYGTSTLASGVPTFRSGSGSGTSYSLTISRVEAEDAATYYCQWSSNPFTFG 120
Db      61 PGSSPKPWIYATSNLASGVPEVFRSGSGSGTSYSLTISRVEAEDAATYYCQWTSNPFPTFG 120

Qy      121 SGTKEI 127
Db      121 GGTKEI 127

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RESULT 10

US-10-410-930A-60

; Sequence 60, Application US/10410930A

; Patent No. 7226903

; GENERAL INFORMATION:

; APPLICANT: Neose Technologies, Inc.

; APPLICANT: DeFrees, Shawn

; APPLICANT: Zopf, David

; APPLICANT: Bayer, Robert

; APPLICANT: Hakes, David

; APPLICANT: Chen, Xi

; APPLICANT: Bowe, Caryn

; TITLE OF INVENTION: INTERFERON BETA: REMODELING AND GLYCOCONJUGATION OF INTERFERON BETA

; FILE REFERENCE: 40853-01-5056-US

; CURRENT APPLICATION NUMBER: US/10/410,930A

; CURRENT FILING DATE: 2003-04-09

; PRIOR APPLICATION NUMBER: US 60/328,523

; PRIOR FILING DATE: 2001-10-10

; PRIOR APPLICATION NUMBER: US 60/344,692


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; FILE REFERENCE: 040853-01-5051
; CURRENT APPLICATION NUMBER: US/10/411,012
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
; LENGTH: 128
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-411-012-60

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Query Match      87.2%; Score 572; DB 3; Length 128;
Best Local Similarity 89.8%; Pred. No. 6e-50;
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

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Qy      1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQK 60
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Db      1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVYIHWQK 60

Qy      61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQWSSNPFTFG 120
        ||||||| || |||||
Db      61 PGSSPKPWIYATSNLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQWTSNPFTFG 120

Qy      121 SGTKLEI 127
        |||||
Db      121 GGTKLEI 127

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RESULT 12

US-10-410-913A-60

; Sequence 60, Application US/10410913A

; Patent No. 7265085

; GENERAL INFORMATION:

; APPLICANT: Neose Technologies, Inc.

; APPLICANT: DeFrees, Shawn

; APPLICANT: Zopf, David

; APPLICANT: Bayer, Robert

; APPLICANT: Hakes, David

; APPLICANT: Chen, Xi

; APPLICANT: Bowe, Caryn

; TITLE OF INVENTION: GLYCOCONJUGATION METHODS AND

; TITLE OF INVENTION: PROTEINS/PEPTIDES PRODUCED BY THE METHODS

; FILE REFERENCE: 040853-01-5081

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; CURRENT APPLICATION NUMBER: US/10/410,913A
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/334,692
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,233
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/334,301
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: PCT/US2002/32263
; PRIOR FILING DATE: 2002-10-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 128
; TYPE: PRT
; ORGANISM: MUS MUSCULUS
US-10-410-913A-60

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Query Match      87.2%; Score 572; DB 3; Length 128;
Best Local Similarity 89.8%; Pred. No. 6e-50;
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

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Qy      1 MDFQVQIFSLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQK 60
        |||||||
Db      1 MDFQVQIISLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFAQK 60
        |||||||

Qy      61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
        ||||||| || |||||
Db      61 PGSSPKPWIYATSNLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPFTFG 120
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Qy      121 SGTKLEI 127
        |||||
Db      121 GGTKLEI 127

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RESULT 13

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US-11-404-266-60
; Sequence 60, Application US/11404266
; Patent No. 7276475
; GENERAL INFORMATION:
; APPLICANT: Neose Technologies, Inc.
; APPLICANT: DeFrees, Shawn
; APPLICANT: Zopf, David
; APPLICANT: Bowe, Caryn

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[http://es.ScoreAccessWeb/GetItem.action?AppId=106870...0_104727_us-10-687-035-33.rai&ItemType=4&startByte=0 \(16 of 18\)3/28/2008 11:27:48 AM](http://es.ScoreAccessWeb/GetItem.action?AppId=106870...0_104727_us-10-687-035-33.rai&ItemType=4&startByte=0 (16 of 18)3/28/2008 11:27:48 AM)

```

; APPLICANT: Zopf, David
; APPLICANT: Bayer, Robert
; APPLICANT: Hakes, David
; APPLICANT: Chen, Xi
; APPLICANT: Bowe, Caryn
; TITLE OF INVENTION: INTERFERON ALPHA: REMODELING AND GLYCOCONJUGATION OF INTERFERON
; TITLE OF INVENTION: ALPHA
; FILE REFERENCE: 040853-01-5055
; CURRENT APPLICATION NUMBER: US/10/411,049
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US 60/328,523
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/344,692
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: US 60/387,292
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: US 60/391,777
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/396,594
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US 60/404,249
; PRIOR FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/407,527
; PRIOR FILING DATE: 2002-08-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
; LENGTH: 128
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-411-049-60

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Query Match          87.2%; Score 572; DB 3; Length 128;
Best Local Similarity 89.8%; Pred. No. 6e-50;
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

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Qy      1 MDFQVQIFSFLILASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQK 60
        ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||
Db      1 MDFQVQIISFLILASVIMSRGQIVLSQSPAILSASPGKVTMTCRASSSVYIHWFQK 60
        ||||||| || ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||

Qy      61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
        ||||||| || ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||
Db      61 PGSSPKPWIYATSNLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120
        ||||||| || ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||

Qy      121 SGTKLEI 127
        ||||||
Db      121 GGTKLEI 127

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RESULT 15
US-09-724-138-46
; Sequence 46, Application US/09724138
; Patent No. 6652852
; GENERAL INFORMATION:
; APPLICANT: Robinson, Randy
; APPLICANT: Liu, Alvin
; APPLICANT: Ledbetter, Jeffrey

```

```

; TITLE OF INVENTION:   Chimeric Antibody with Specificity to Human B Cell Surface Antigen
; FILE REFERENCE:      PPL-001CN2
; CURRENT APPLICATION NUMBER: US/09/724,138
; CURRENT FILING DATE:   2000-11-28
; PRIOR APPLICATION NUMBER: US 09/630198
; PRIOR FILING DATE:     2000-08-01
; PRIOR APPLICATION NUMBER: US 09/021934
; PRIOR FILING DATE:     1998-02-12
; PRIOR APPLICATION NUMBER: US 08/471984
; PRIOR FILING DATE:     1995-06-06
; PRIOR APPLICATION NUMBER: US 07/665939
; PRIOR FILING DATE:     1991-03-05
; PRIOR APPLICATION NUMBER: US 07/195961
; PRIOR FILING DATE:     1988-05-13
; PRIOR APPLICATION NUMBER: US 07/016202
; PRIOR FILING DATE:     1987-01-08
; PRIOR APPLICATION NUMBER: PCT/US86/02269
; PRIOR FILING DATE:     1986-10-27
; NUMBER OF SEQ ID NOS:   50
; SOFTWARE:               PatentIn version 3.0
; SEQ ID NO 46
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-09-724-138-46

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Query Match          86.3%; Score 566; DB 2; Length 128;
Best Local Similarity 88.2%; Pred. No. 2.4e-49;
Matches 112; Conservative 4; Mismatches 11; Indels 0; Gaps 0;

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Qy      1 MDFQVQIFSFLILISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQK 60
        |||||:||||| ||||| ||||| ||| |||
Db      1 MDFQVQIFSFLILISASVIIARGQIVLSQSPAILSASPGKVTMTCRASSSVSYMHWYQK 60

Qy      61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
        ||||| | ||||| ||||| ||||| ||||| ||||| ||| |||
Db      61 PGSSPKPWIYAPSNLASGVPARFSGSGSGTSYSLTISRVEAEDAATYYCQQWFSNPFTFG 120

Qy      121 SGTKEI 127
        :||||:
Db      121 AGTKLEL 127

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